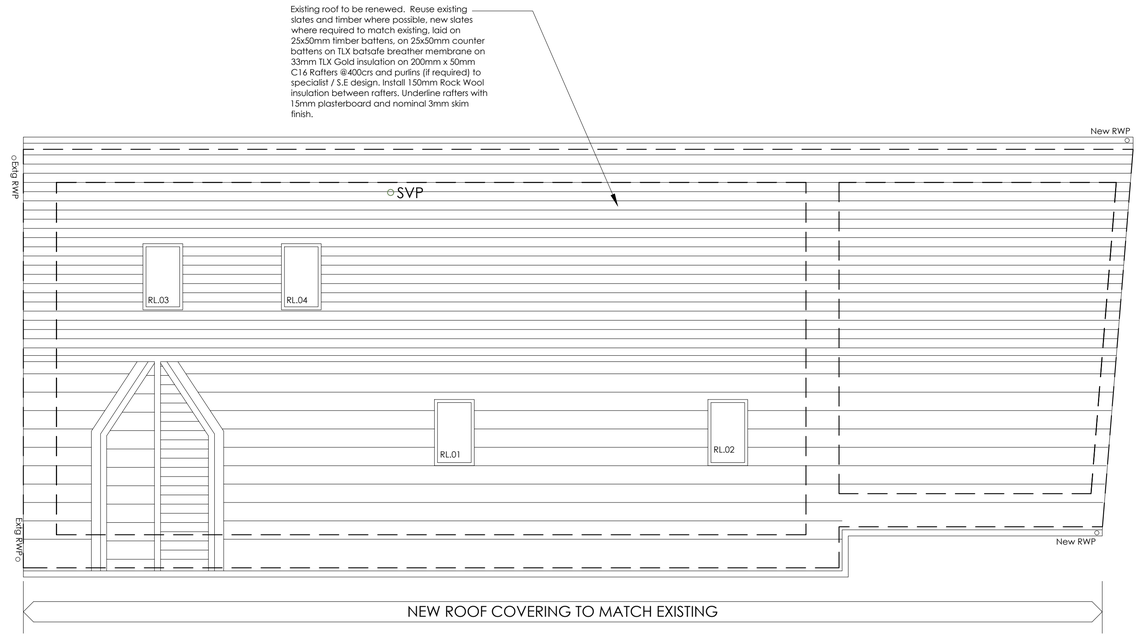


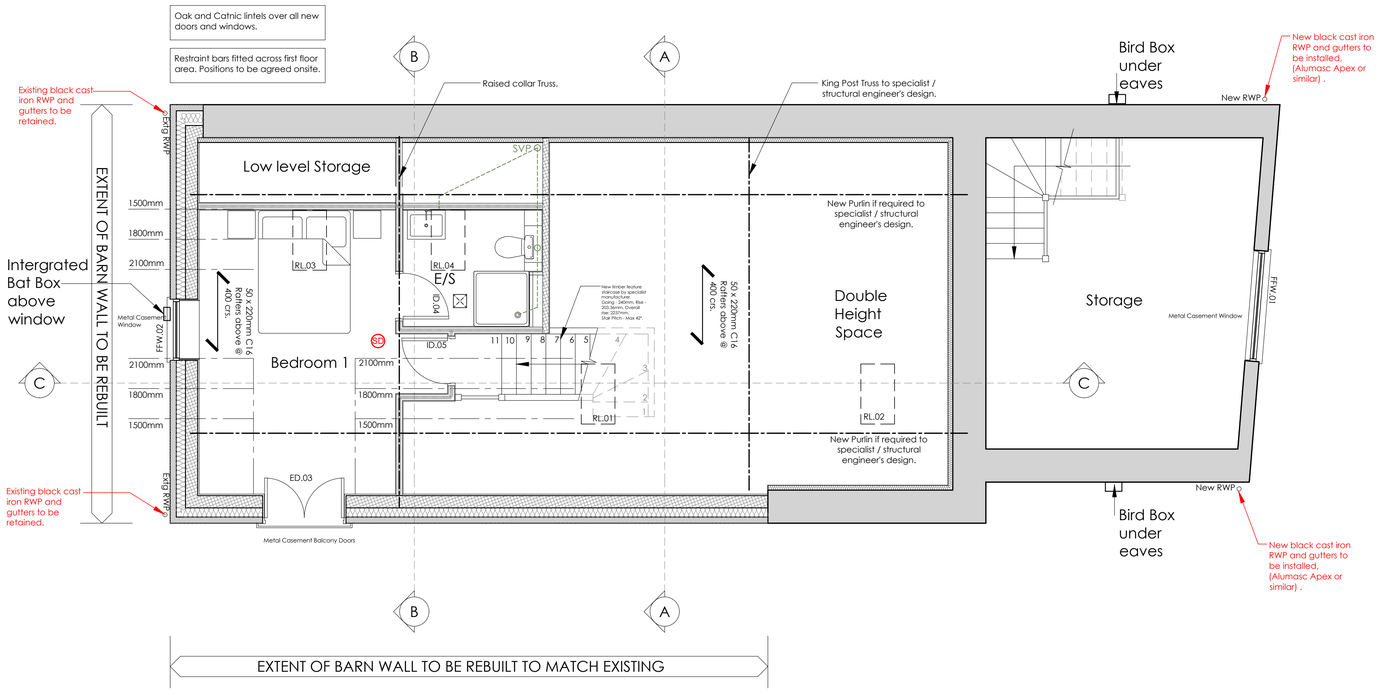
All roof lights to be Velux conservation style, 780mm x 1180mm fitted with flush profile kits.

Existing Rainwater Pipes and Gutters to be assessed for reuse. New gutters and downpipes to be Alumasc.

SVP to be black to match existign rainwater goods.

Proposed Roof Plan

1:50



First Floor Plan

1:50

Fire Strategy Key

- ✱ Door must be ½ H .F.R with intumescent seals to the frame.
- SD Smoke Detector (BS 5839):Pt-6
- HD Heat Detector
- CM Carbon Monoxide Detector
- C.B. Proprietary Rockwool Cavity Fire Stopping Batts to be installed into new cavity walls - vertical and at Floor / Wall junction horizontal.

NOTES:
1-All mechanical and electrical installations will be of the efficeiences compliant with the requirement of AD "L1A"
2-All steel beams to be encased in two layer of 15mm plasterboard and skimed.
3-The automatic fire detection system should be in accordance with BS5839-1

Building Regulations - Volume 1

General "U" values to be achieved - subject to SAP calculations and EPC certification required.

FLOOR	=	0.10 (Max 0.18) W/m²K
NEW WALL	=	0.18 W/m²K
WALL UPGRADE - (Internal Insulation)	=	(0.29) max 0.30
ROOF	=	0.15 W/m²K
TIMBER WINDOWS / ROOFLIGHTS / EXT DOORS	=	1.4 W/m²K
METAL CASEMENT WINDOWS / EXT DOORS	=	2.0 W/m²K

Drainage Key

NOTE: Drainage to be coordinated onsite and agreed with Building Control. Proposed indicative primary routes shown. Secondary not indicated for clarity.

- RWP○ Rain Water Pipe
- SVP○ Soil & Vent Pipe / Air Admittance Valve
- New foul below floor. Pipes to be wrapped in suitable acoustic roll and fire stopped when passing through party walls.
- ⊠ BIG Back Inlet Gulley
- ⊠ EF ⊗→ Extract Fan to vent through Roof /Wall
- LT Level Threshold

Wall Construction Key

Existing Walls. Existing thickness will vary. Wall construction materials will vary and should be confirmed prior to commencement of work on site.

Existing external wall upgrade: Dry Lining existing external walls with Celotex PL4060 77.5mm Insulated Plasterboard or (70mm Kooltherm K118 Insulated Plasterboard to achieve 'U' Value of 0.29W/m²k, or less) on adhesive dabs and skim finish.

Existing Walls to be demolished. Existing thickness will vary. Wall construction materials will vary and should be confirmed prior to commencement of work on site for load bearing structure etc.

Rebuild part of the external wall: 100mm (Approx) Iron stone to match the existing (with suitable lime mortar "1 cement, 2 lime & 10 sand") , tied back to blockwork, 150mm cavity full fill with Earthwool DriTherm® Cavity Slab 32 insulation to achieve 'U' Value of 0.17W/m²k., Internal skin of 200mm Celcon standard (lambda=0.15), 15mm plasterboard on dot and dab and skim finish.

Internal Walls: 100mm Timber studwork (thickness to match existing wall, where necessary), 50mm Isover 1200 APR insulation between studs, (18mm plywood sheathing fixed to one side for shower room), 12.5mm plasterboards and skim finish each side.

North point:

NORTH

Notes:

Revision Log:

Rev:	Description:	By:	Date:
BR09	Windows and doors updated to suit client comments	DJG	12.04.24
BR08	Rain water goods specifications added.	PG	06.03.24
BR07	Ground Floor level lowered and one of the king post truss omitted.	PG	09.02.24
BR06	Proposed stairs repositioned.	PG	01.02.24
BR05	Proposed stairs repositioned.	PG	31.01.24
BR04	King post truss repositioned.	PG	26.01.24
BR03	Roof construction altered.	PG	17.01.24
BR02	Section line B-B added.	PG	10.01.24

Project:
Residential Annex Barn Conversion
No 4 The Green
Lyddington
Oakham
LE15 9LW

Client:
Mr & Mrs Morgan Jones

Scale: 0 0.5m 1m 1.5m 2m 2.5m 3m — 1:50

Drawn by:	Checked:	Date:	Paper Size:
PG		Dec '23	A1

Drawing Title: Proposed First Floor and Roof Plan - Barn

Drawing Status: TENDER ISSUE

Drawing Number:	Revision Number:
5704/MJ/23/026	BR08

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